



TEST REPORT

NUMBER: SHAH00110875

APPLICANT: BOURNS, INC.
1200 COLUMBIA AVE., RIVERSIDE, CA
92507-2114, USA

DATE: FEB 25, 2009

SAMPLE DESCRIPTION:

TWO (2) PIECES OF SUBMITTED SAMPLES SAID TO BE :

ITEM NAME : SMD: LEAD FREE PLATING:
(1) MIXED ALL PARTS OF BODY AND SILVER
COLORED METAL PIN.
(2) BLACK PLASTIC BODY WITHOUT SOLDER WAFER
& DIE (BLACK PLASTIC) AND SILVER COLORED
METAL PIN.

ITEM NO. : MITE PACKAGE FAMILY.

TESTS CONDUCTED:

AS REQUESTED BY THE APPLICANT, FOR DETAILS REFER TO ATTACHED PAGE(S)

REMARK: ALL TEST RESULTS STATED IN THIS DUPLICATED REPORT ARE REFERRED
TO OUR ENGLISH REPORT SHAH00053100 DATED APR.25, 2008.

TO BE CONTINUED

PREPARED AND CHECKED BY:
FOR INTERTEK TESTING SERVICES
LTD., SHANGHAI

AUTHORIZED BY:
FOR INTERTEK TESTING SERVICES
LTD., SHANGHAI

MYRA LV
CHEMICAL DIVISION MANAGER

STEPHEN TSANG
GENERAL MANAGER



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TESTS CONDUCTED

(A) TEST RESULT SUMMARY FOR RoHS DIRECTIVE:

<u>TESTING ITEM</u>	<u>RESULT (ppm)</u>
	(1)
CADMIUM (Cd) CONTENT (ppm)	ND (<2)
LEAD (Pb) CONTENT (ppm)	>10000
MERCURY (Hg) CONTENT (ppm)	ND (<2)
CHROMIUM VI (Cr ⁶⁺) CONTENT (ppm) (FOR NON-METAL)	ND (<1)
POLYBROMINATED BIPHENYLS (PBBs)	
MONOBROMOBIPHENYL (MonoBB) (ppm)	ND
DIBROMOBIPHENYL (DiBB) (ppm)	ND
TRIBROMOBIPHENYL (TriBB) (ppm)	ND
TETRABROMOBIPHENYL (TetraBB) (ppm)	ND
PENTABROMOBIPHENYL (PentaBB) (ppm)	ND
HEXABROMOBIPHENYL (HexaBB) (ppm)	ND
HEPTABROMOBIPHENYL (HeptaBB) (ppm)	ND
OCTABROMOBIPHENYL (OctaBB) (ppm)	ND
NONABROMOBIPHENYL (NonaBB) (ppm)	ND
DECABROMOBIPHENYL (DecaBB) (ppm)	ND
POLYBROMINATED DIPHENYL ETHERS (PBDEs)	
MONOBROMODIPHENYL ETHER (MonoBDE) (ppm)	ND
DIBROMODIPHENYL ETHER (DiBDE) (ppm)	ND
TRIBROMODIPHENYL ETHER (TriBDE) (ppm)	ND
TETRABROMODIPHENYL ETHER (TetraBDE) (ppm)	ND
PENTABROMODIPHENYL ETHER (PentaBDE) (ppm)	ND
HEXABROMODIPHENYL ETHER (HexaBDE) (ppm)	ND
HEPTABROMODIPHENYL ETHER (HeptaBDE) (ppm)	ND
OCTABROMODIPHENYL ETHER (OctaBDE) (ppm)	ND
NONABROMODIPHENYL ETHER (NonaBDE) (ppm)	ND
DECABROMODIPHENYL ETHER (DecaBDE) (ppm)	ND

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<u>TESTING ITEM</u>	<u>RESULT (ppm)</u>
	(2)
CADMIUM (Cd) CONTENT (ppm)	ND (<2)
LEAD (Pb) CONTENT (ppm)	11
MERCURY (Hg) CONTENT (ppm)	ND (<2)
CHROMIUM VI (Cr ⁶⁺) CONTENT (ppm) (FOR NON-METAL)	ND (<1)

REMARKS:

ppm = PARTS PER MILLION = mg/kg

< = LESS THAN

> = MORE THAN

ND = NOT DETECTED

(B) RoHS REQUIREMENT

RESTRICTED SUBSTANCES	LIMITS
CADMIUM (Cd)	0.01% (100 ppm)
LEAD (Pb)	0.1% (1000 ppm)
MERCURY (Hg)	0.1% (1000 ppm)
CHROMIUM (VI) (Cr ⁶⁺)	0.1% (1000 ppm)
POLYBROMINATED BIPHENYLS (PBBs)	0.1% (1000 ppm)
POLYBROMINATED DIPHENYL EHTERS (PBDEs)	0.1% (1000 ppm)

THE ABOVE LIMITS WERE QUOTED FROM 2002/95/EC AND AMENDMENT
2005/618/EC FOR HOMOGENEOUS MATERIAL.

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(C) TEST METHOD :

TESTING ITEM	TESTING METHOD	REPORTING LIMIT
CADMIUM (Cd) CONTENT	WITH REFERENCE TO IEC 62321 - 111/95/CDV, BY ACID DIGESTION UNTIL THE TESTED SAMPLE WAS TOTALLY DISSOLVED AND DETERMINED BY ICP-OES	2 ppm
LEAD (Pb) CONTENT	WITH REFERENCE TO IEC 62321 - 111/95/CDV, BY ACID DIGESTION UNTIL THE TESTED SAMPLE WAS TOTALLY DISSOLVED AND DETERMINED BY ICP - OES	2 ppm
MERCURY (Hg) CONTENT	WITH REFERENCE TO IEC 62321 - 111/95/CDV, BY ACID DIGESTION UNTIL THE TESTED SAMPLE WAS TOTALLY DISSOLVED AND DETERMINED BY ICP - OES	2 ppm
CHROMIUM (VI) (Cr ⁶⁺) CONTENT (FOR NON-METAL)	WITH REFERENCE TO IEC 62321 - 111/95/CDV, BY ALKALINE DIGESTION AND DETERMINED BY UV-VIS SPECTROPHOTOMETER	1 ppm
POLYBROMINATED BIPHENYLS (PBBs) & POLYBROMINATED DIPHENYL ETHERS (PBDEs)	WITH REFERENCE TO IEC 62321 - 111/95/CDV, BY SOLVENT EXTRACTION AND DETERMINED BY GC/MS	5 ppm

NOTE: TESTS WERE CONDUCTED WITH REFERENCE TO 111/95/CDV
VERSION

2007-10-12 WHICH IS STILL A DRAFT METHOD AND SUBJECT TO FUTURE
CHANGES PRIOR TO PUBLICATION.

REPORTING LIMIT = QUANTIZATION LIMIT OF ANALYZE IN SAMPLE

DATE SAMPLE RECEIVED : APR.16, 2008

TESTING PERIOD : APR.16, 2008 TO APR.22, 2008

TO BE CONTINUED

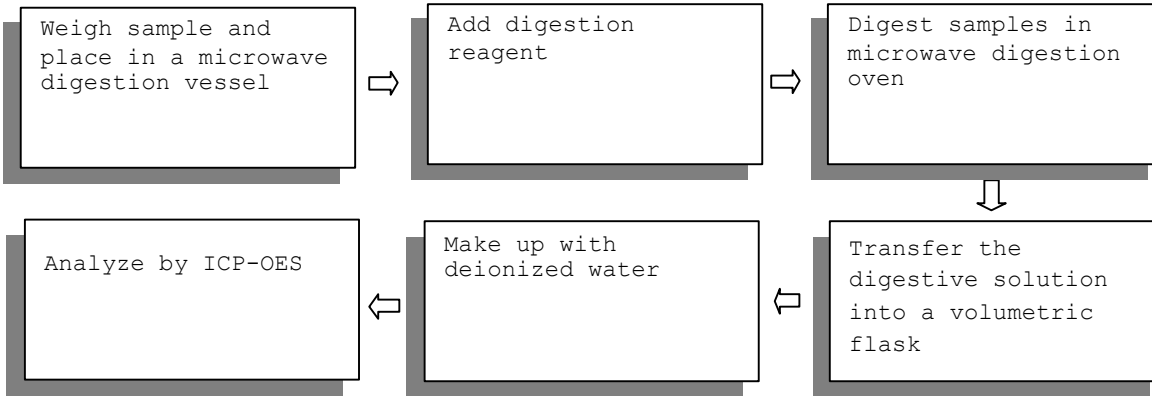


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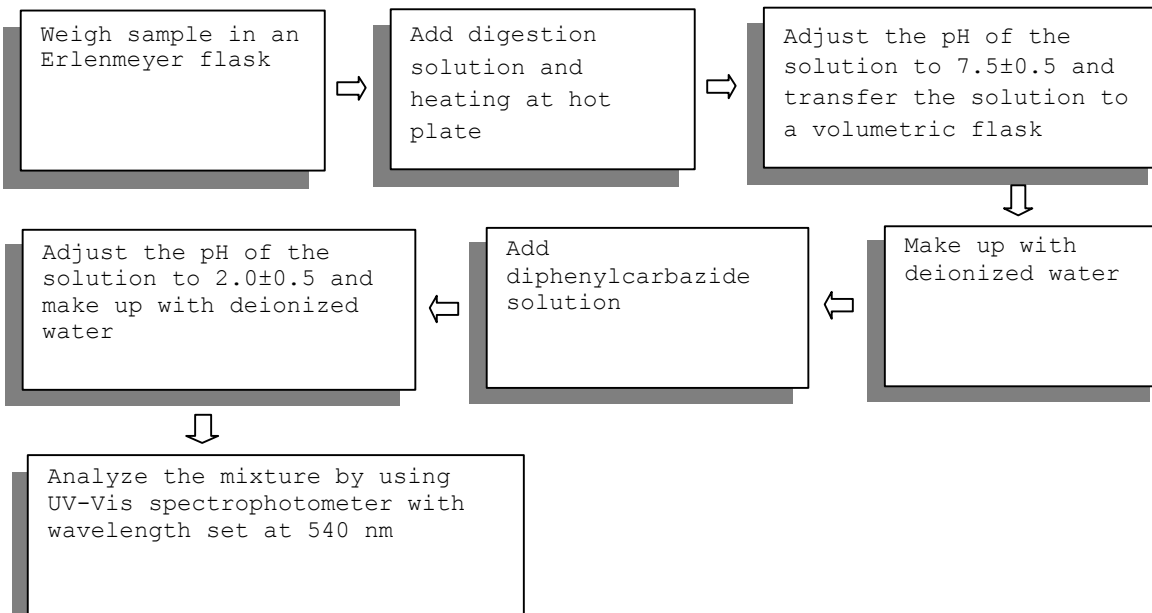
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TESTS CONDUCTED
MEASUREMENT FLOWCHART (IEC 62321)

1. TEST FOR Cd/Pb/Hg CONTENTS



2. TEST FOR CHROMIUM (VI) CONTENT



TO BE CONTINUED

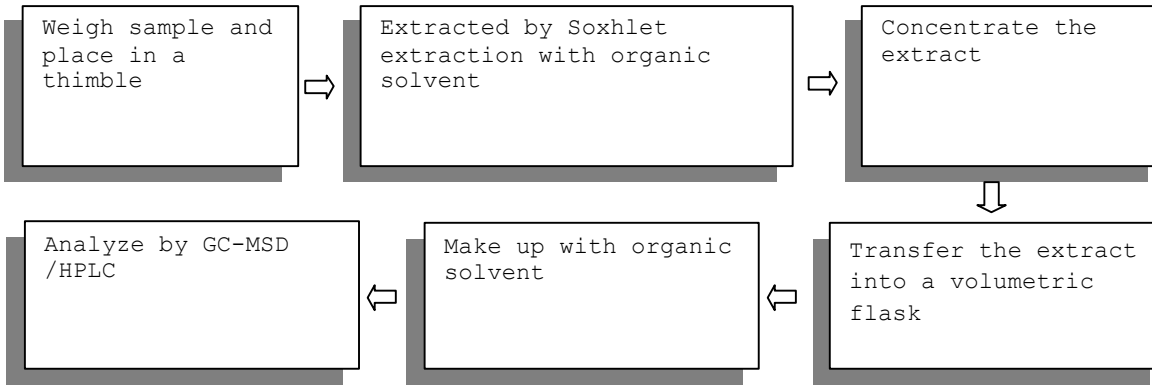


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3. TEST FOR PBBs/PBDEs CONTENTS

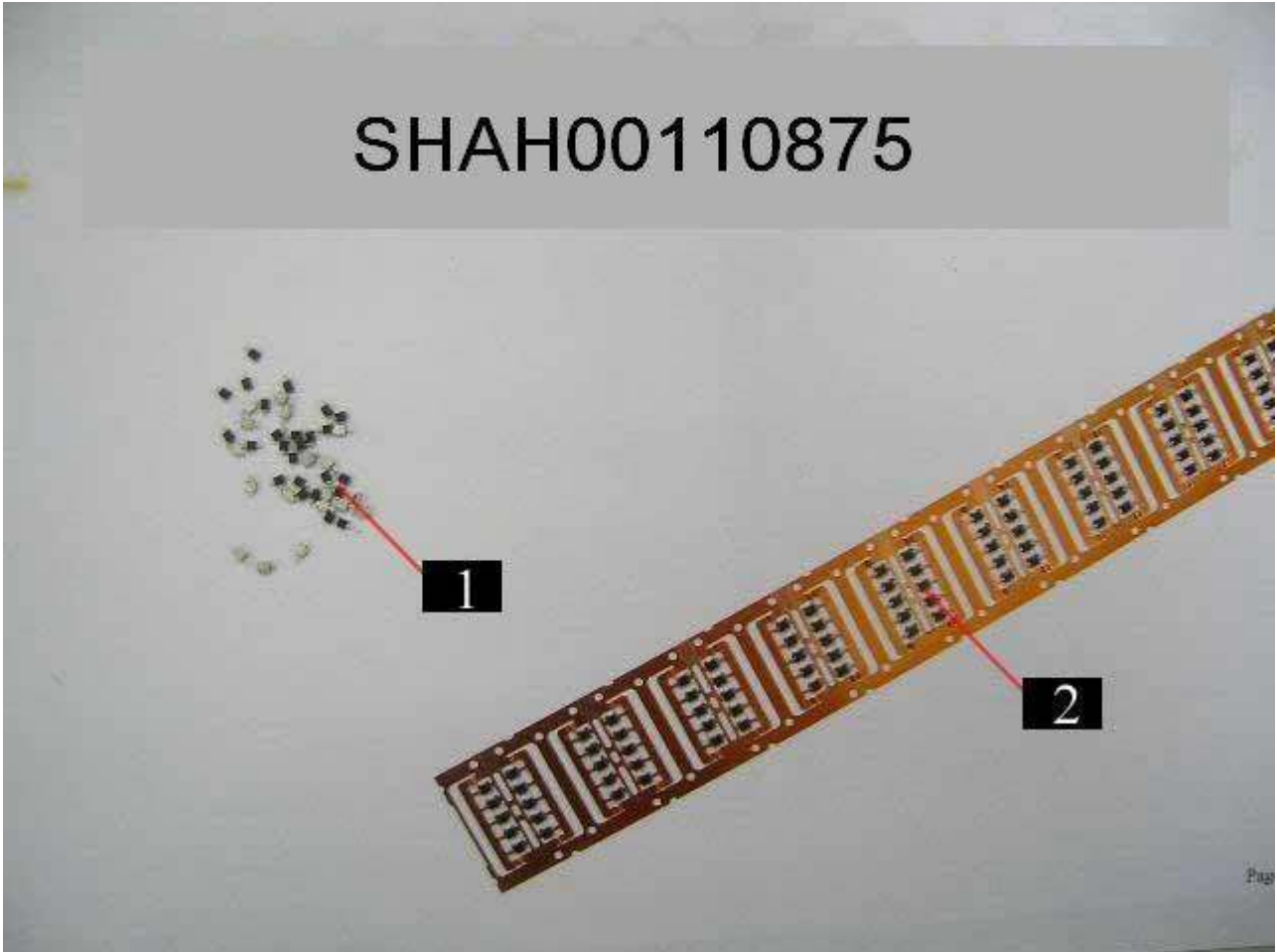


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END OF REPORT